

Notice of Allowability

Application No.

10/780,551

Examiner

Kenneth B. Rinehart

Applicant(s)

MASSEY, SAMMY K.

Art Unit

3749

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an application filed 2/17/04.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☒ The drawings filed on 17 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/17/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 6/22/05
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Guice on 6/22/05.

In claim 3, the term "waster" has been deleted and the term ---waste--- has been added;

After the term "carcasses." in line 4, of claim 5, the terms ---6. (pending) An incinerator for burning animal carcasses, comprising:

a. an insulated shell including an inner surface and an outer surface, having a first end and a second end;

b. a grate, placed horizontally within said insulated shell, so as to divide a space enclosed within said insulated shell into a lower flame chamber and an upper biomass chamber;

b. means for introducing said animal carcasses into said upper biomass chamber;

d. a burner placed at said first end of said insulated shell and beneath said grate;

e. an exhaust stack placed proximate said first end of said insulated shell and positioned so as to vent said upper biomass chamber to a surrounding atmosphere;

and

f. a blower, positioned proximate said second end of said insulated shell, and

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oriented to direct a stream of air downward and toward said first end of said insulated shell.

7. (pending) An incinerator as recited in claim 6, wherein said second end of said insulated shell opens into a clean out door, with said clean out door being positioned beneath said grate, and wherein said clean out door is large enough to allow the removal of waster products from said lower flame chamber.

8. (pending) An incinerator as recited in claim 6, wherein said grate includes a series of vertical grate channels which allow the passage of said flame from said lower flame chamber to said upper biomass chamber through said grate.

9. (pending) An incinerator as recited in claim 6, wherein said means for introducing said animal carcasses into said upper biomass chamber comprises a main hatch opening through said insulated shell, with said main hatch being large enough to admit said animal carcasses.

10. (pending) An incinerator for burning animal carcasses, comprising:
a. an insulated shell including an inner surface and an outer surface, having a first end and a second end;
b. a grate, placed horizontally within said insulated shell, so as to divide a space enclosed within said insulated shell into a lower flame chamber and an upper

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biomass chamber;

c. means for introducing said animal carcasses into said upper biomass chamber;

d. a burner placed at said first end of said insulated shell and beneath said grate, so that a flame produced by said burner travels through said lower flame chamber and through said grate into said upper biomass chamber;

e. an exhaust stack placed proximate said first end of said insulated shell and positioned so as to vent said upper biomass chamber to a surrounding atmosphere;

and

f. a blower, positioned proximate said second end of said insulated shell, and oriented to direct a stream of air against said flame so as to roll said flame over said animal carcasses.

11. (pending) An incinerator as recited in claim 10, wherein said second end of said insulated shell opens into a clean out door, with said clean out door being positioned beneath said grate, and wherein said clean out door is large enough to allow the removal of waster products from said lower flame chamber.

12. (pending) An incinerator as recited in claim 10, wherein said grate includes a series of vertical grate channels which allow the passage of said flame from said lower flame chamber to said upper biomass chamber through said grate.

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13. (pending) An incinerator as recited in claim 10, wherein said means for introducing said animal carcasses into said upper biomass chamber comprises a main hatch opening through said insulated shell, with said main hatch being large enough to admit said animal carcasses, --- have been added.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth B. Rinehart whose telephone number is 571-272-4881. The examiner can normally be reached on 7:20 -4:20.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira Lazarus can be reached on 571-272-4881. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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KENNETH RINEHART
PRIMARY EXAMINER